TASK 1:

pwd: displays the current directory.

\$ pwd

/Users/gift

\$

vi : Starts the vi editor for editing a file

vi Testfile.txt

touch: touch file sets the current time stamp for a file. Can be used to create an empty file.

Examples below:

· Create a blank file

```
$ touch test.txt

Is

$ Is -I test.txt

-rw-r--r-- 1 gift staff 0 Mar 18 12:27 test.txt
```

• Change access time

```
$ touch -c test.txt

Is -I test.txt

-rw-r--r-- 1 gift staff 0 Mar 18 12:32 test.txt
```

Create lots and lots of files

```
$ touch {A..Z}
$ touch {1..20}
$ touch {1..1000}.txt
```

mkdir: Create a new directory

```
$ mkdir gc_dir
$ ls -l
```

drwxr-xr-x 2 gift staff 64 Mar 18 12:46 gc_dir

```
rm: deletes a file or directory
     $ Is -I
     drwxr-xr-x 2 gift staff 64 Mar 18 12:46 gc_dir
     -rw-r--r- 1 gift staff 0 Mar 18 12:49 testfile.txt
     $ rm testfile.txt
     $ rm -r gc dir/
     $ ls -l
     $
Is: displays the contents of a directory
     $ ls -l
     drwxr-xr-x 2 gift staff 64 Mar 18 12:46 gc_dir
       -rw-r--r-- 1 gift staff 0 Mar 18 12:49 testfile.txt
echo: display a line of text/string on standard output or a file.
$ echo "display a line of text/string on standard output or a file."
display a line of text/string on standard output or a file.
cat: displays the content of a file on the standard output channel (usually the screen).
$ cat testfile.txt
This is a test file
re
fgtsss
ddd
$
who: display the users that are currently logged into your Unix computer system.
$ who
gift console Mar 17 21:57
gift ttys000 Mar 18 12:17
```

\$

cd : Changes the working directory

\$ pwd

/Users/gift

\$cd /Users/gift/work

\$pwd]

/Users/gift/work

date: displays the current system date and time

\$ date

Mon Mar 18 14:47:54 CAT 2019

cal: he calendar of a specific month or a whole year.

\$ cal

March 2019

Su Mo Tu We Th Fr Sa

1 2

3 4 5 6 7 8 9

10 11 12 13 14 15 16

17 18 19 20 21 22 23

24 25 26 27 28 29 30

31

\$ cal 05 2006

May 2006

Su Mo Tu We Th Fr Sa

1 2 3 4 5 6

7 8 9 10 11 12 13

14 15 16 17 18 19 20

21 22 23 24 25 26 27

28 29 30 31

mv: moves file/directory to another folder

\$ pwd

/Users/gift

ls

testfile.txt

Is work/

mv testfile.txt work/

Is work/

testfile.txt

cp: copies file/directory

ls

testfile.txt

cp testfile.txt testfile2.txt

ls

testfile.txt testfile2.txt

which: searches the path of executable in system paths set in \$PATH environment variable.

\$ which cat

/bin/cat

\$ which vi echo Is

/usr/bin/vi

/bin/echo

/bin/ls

TASK 2:

Word Median

WordStandardDeviation

```
Shuffle Error
WRONG REDU
File Input Format (
Bytes Read
File Output Format
Bytes Writ
standard deviation is:
oudera@quickstart ~]$
```